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|---|---|---|---|---|---|---|
| L22 | 0 | 21 and core | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:03 |
| L23 | 2613 | (optical adj waveguide) and core and clad$3 | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:03 |
| L24 | 2126 | 23 and (refractive adj index) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:04 |
| L25 | 709 | 23 and (refractive adj index near15 lower near10 core) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:05 |
| L26 | 0 | 25 and (core adj materail) and (clad adj material) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:05 |
| L27 | 43 | 25 and (core adj material) and (clad adj material) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:08 |
| L28 | 0 | 27 and KT | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:06 |
| L29 | 0 | 27 and (KT or KTaO3) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:15 |
| L30 | 1 | 27 and (crystal adj structure) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:14 |
| L31 | 510 | 23 and (Zr or zirconium or Hf or hafnium or Sn or Tin) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:15 |
| L32 | 149 | 25 and 31 | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:15 |
| L33 | 3 | 32 and (KT or KTaO3) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:19 |
| L34 | 61 | 32 and (crystal) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:20 |
| L35 | 0 | 32 and (crystal near10 KT) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:19 |
| L36 | 0 | 32 and (crystal near20 KT) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:19 |
| L37 | 4 | 32 and (perovskite) | US-PGPUB; USPAT | OR | ON | 2006/02/14 23:20 |
| S1 | 13679 | (optical near fiber near connector) or (fiber near optic near connector) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 20:08 |
| S2 | 377 | (connector near body) same (steel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 08:44 |
| S3 | 3498 | (lens same resins same refractive near3 index) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 08:44 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 2 | "6792189".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:36 |
| L2 | 2427 | 1and ktn and nb | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:37 |
| L3 | 1 | 1 and (ktn) and (nb) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:38 |
| L4 | 1 | (ktn) and (nb) and (Kt or ktaO3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:40 |
| L5 | 0 | (ktn) and (nb) and (Kt or ktaO3) and (Zr or zirconium) and (Hf or hafnium) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:40 |
| L6 | 227 | (Kt or ktaO3) and (Zr or zirconium) and (Hf or hafnium) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:44 |
| L7 | 6 | 6 and (optical adj waveguide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:43 |
| L8 | 63 | 6 and (crystal) and (Sn or tin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:44 |
| L9 | 63 | (Kt or ktaO3) and (Zr or zirconium) and (Hf or hafnium) and (Sn or Tin) and (crystal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:45 |

| L10 | 1 | 9 and (optical adj waveguide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:45 |
|---|---|---|---|---|---|---|
| L11 | 2 | 9 and (waveguide) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:46 |
| L12 | 8007 | (optical adj waveguide) near10 (material) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:47 |
| L13 | 1 | 9 and 12 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:47 |
| S1 | 13679 | (optical near fiber near connector) or (fiber near optic near connector) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:36 |
| S2 | 377 | (connector near body) same (steel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 08:44 |
| S3 | 3498 | (lens same resins same refractive near3 index) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 08:44 |
| S4 | 0 | S1 and S2 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 08:45 |
| S5 | 21 | S1 and S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 09:13 |
| S6 | 0 | S2 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 08:45 |

| S7 | 4 | S5 and lens | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 08:48 |
|----|----|----|----|----|----|----|
| S8 | 12 | S1 and S3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/30 09:13 |
| S9 | 2 | "5550398".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/31 22:22 |
| S10 | 2 | "20030223709".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/31 22:22 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 8007 | (optical adj waveguide near10 material) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:01 |
| L2 | 5753 | (optical adj waveguide near5 material) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:01 |
| L3 | 670 | (optical adj waveguide adj material) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:02 |
| L4 | 678 | 1 and (zr or zirconium or hf or hafnium) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:03 |
| L5 | 503 | 2 and (zr or zirconium or hf or hafnium) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:03 |
| L6 | 91 | 3 and (zr or zirconium or hf or hafnium) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:03 |
| L7 | 5290 | (crystal same perovskite) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:04 |
| L8 | 6 | 6 and 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:08 |
| L9 | 1 | 8 and kt | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:10 |

| L10 | 21 | 7 and kt | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:11 |
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| L11 | 1 | 2 and 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:11 |
| L12 | 1 | 1 and 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:14 |
| L13 | 20 | 7 and ktn | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:16 |
| L14 | 15122 | (kt or ktao3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:17 |
| L15 | 24 | 7 and 14 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:17 |
| L16 | 1 | 6 and 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:18 |
| L17 | 1 | 1 and 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:18 |
| L18 | 1 | 2 and 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:18 |
| L19 | 1 | 3 and 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/14 19:18 |